

Luminaire

Code AD12204
Name PICTO 100 New led Verticale DIM Nero 3000K wide flood

Measurem.

Code FTS1603586
Name PICTO 100 New led Verticale DIM Nero 3000K wide flood

Luminaire Flux	2807.80 lm	Luminaire Power	35.00 W	Efficacy	80.22 lm/W	Efficiency	100.00%
Lamps Flux	2807.80 lm	Maximum value	1323.50 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area	Diam. Diam.	100 mm 80 mm	Height Height	100 mm 0 mm			
Horizontal Luminous Area	0.005027 m2		Emitting area on Plane 180°		0.000000 m2		
Emitting area on Plane 0°	0.000000 m2		Emitting area on Plane 270°		0.000000 m2		
Emitting area on Plane 90°	0.000000 m2		Glare area at 76°		0.001216 m2		
Coordinate system	CG		Symmetry Type		Rotosymmetrical		
Date	26-04-2017		Maximum Gamma Angle		180		
Measurement Distance	0.00		Measurement Flux		2807.80 lm		
LED Flux=3501lm LED Power=31W Eff=80% EfcLed=113lm/W EfcLum=80lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E.	85 94 99 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		

Diam=100mm



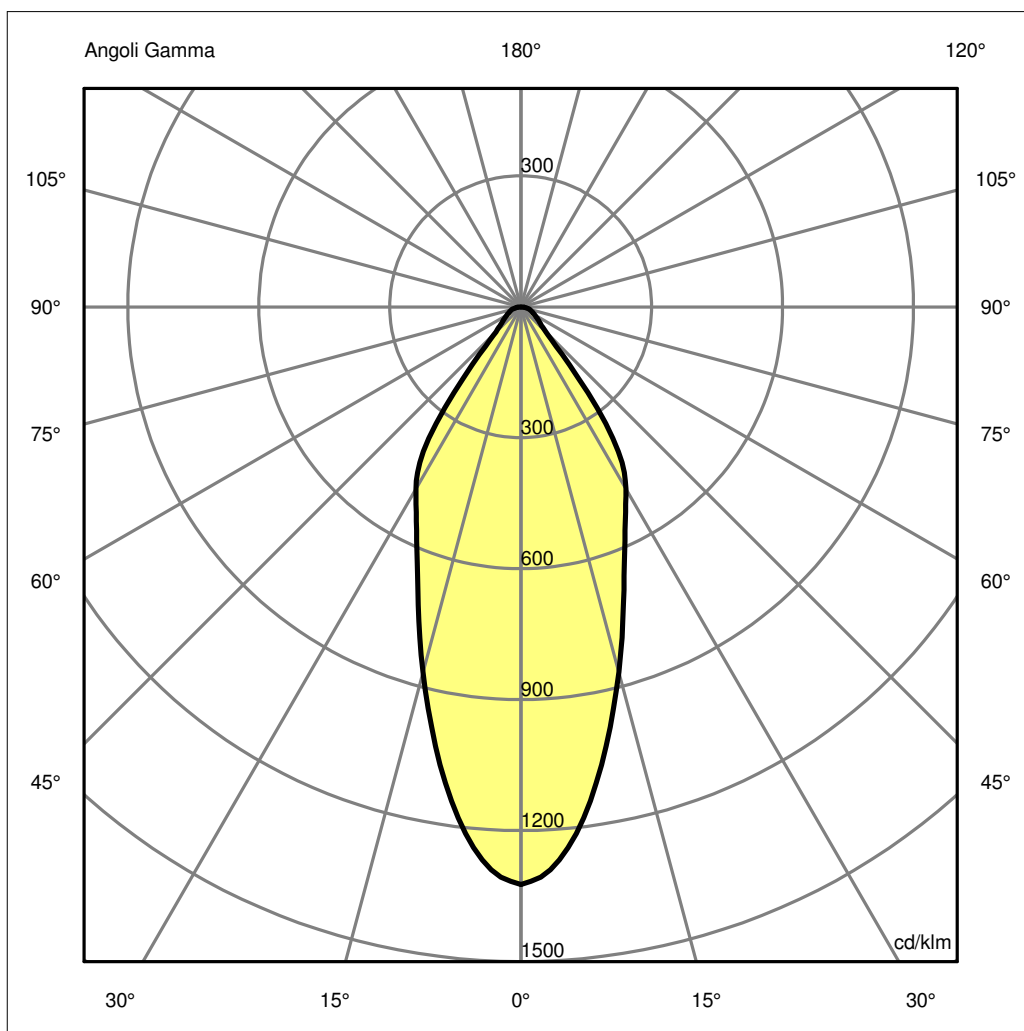
Semipiani C

180.0 ——— 0.0

ULOR 0.01 %

DLOR 99.99 %

RN 0.01 %



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Measur.

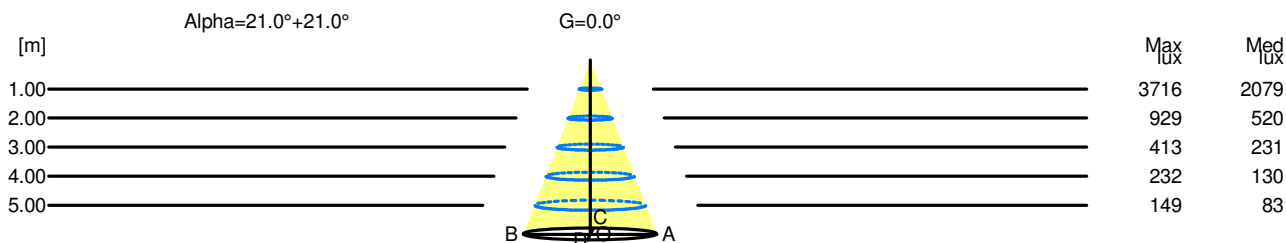
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Round Luminaire Round Luminous Area		Diam. Diam.	100 mm 80 mm	Height Height	100 mm 0 mm		
Horizontal Luminous Area		0.005027 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.001216 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		26-04-2017		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2807.80 lm	
LED Flux=3501lm LED Power=31W Eff=80% EfcLed=113lm/W EfcLum=80lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E.	85 94 99 100 100			D DIN 5040		A60	
F UTE	1.00 A			B NBN		BZ 1	

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.38	0.77	1.15	1.53	1.91	OC	0.38	0.77	1.15	1.53	1.91
OB	0.38	0.77	1.15	1.53	1.91	OD	0.38	0.77	1.15	1.53	1.91

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3716.13	3492.58	2433.61	1586.30	1032.49	227.45	128.13	83.68	54.94	15.79
OB	3716.13	3492.58	2433.61	1586.30	1032.49	227.45	128.13	83.68	54.94	15.79
OC	3716.13	3492.58	2433.61	1586.30	1032.49	227.45	128.13	83.68	54.94	15.79
OD	3716.13	3492.58	2433.61	1586.30	1032.49	227.45	128.13	83.68	54.94	15.79



H[m]	D[m]	Max lux	Med lux	Alpha=21.0°+21.0°	G=0.0
1.00	0.77	3716	2079		
2.00	1.53	929	520		
3.00	2.30	413	231		
4.00	3.06	232	130		
5.00	3.83	149	83		

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Lamps Flux	2807.80 lm	Maximum value	1323.50 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	23.9	24.7	24.2	24.9	25.1	23.9	24.7	24.2	24.9	25.1
x=2H y=3H	24.7	25.4	24.9	25.6	25.9	24.7	25.4	24.9	25.6	25.9
x=2H y=4H	25.1	25.8	25.4	26.1	26.4	25.1	25.8	25.4	26.1	26.4
x=2H y=6H	25.5	26.2	25.9	26.5	26.8	25.5	26.2	25.9	26.5	26.8
x=2H y=8H	25.7	26.3	26.0	26.6	26.9	25.7	26.3	26.0	26.6	26.9
x=2H y=12H	25.8	26.4	26.1	26.7	27.0	25.8	26.4	26.1	26.7	27.0
x=4H y=2H	24.1	24.8	24.4	25.1	25.4	24.1	24.8	24.4	25.1	25.4
x=4H y=3H	25.2	25.8	25.5	26.1	26.4	25.2	25.8	25.5	26.1	26.4
x=4H y=4H	25.8	26.3	26.2	26.7	27.0	25.8	26.3	26.2	26.7	27.0
x=4H y=6H	26.4	26.8	26.8	27.2	27.6	26.4	26.8	26.8	27.2	27.6
x=4H y=8H	26.6	27.0	27.0	27.4	27.8	26.6	27.0	27.0	27.4	27.8
x=4H y=12H	26.7	27.1	27.2	27.5	27.9	26.7	27.1	27.2	27.5	27.9
x=8H y=4H	26.1	26.5	26.5	26.9	27.3	26.1	26.5	26.5	26.9	27.3
x=8H y=6H	26.8	27.1	27.2	27.5	28.0	26.8	27.1	27.2	27.5	28.0
x=8H y=8H	27.1	27.3	27.6	27.8	28.3	27.1	27.3	27.6	27.8	28.3
x=8H y=12H	27.3	27.5	27.8	28.0	28.5	27.3	27.5	27.8	28.0	28.5
x=12H y=4H	26.1	26.5	26.6	26.9	27.3	26.1	26.5	26.6	26.9	27.3
x=12H y=6H	26.9	27.1	27.3	27.6	28.0	26.9	27.1	27.3	27.6	28.0
x=12H y=8H	27.2	27.4	27.7	27.9	28.4	27.2	27.4	27.7	27.9	28.4